

FIG. 1

O I P E  
JC98  
SEP 28 2004  
PATENT & TRADEMARK OFFICE

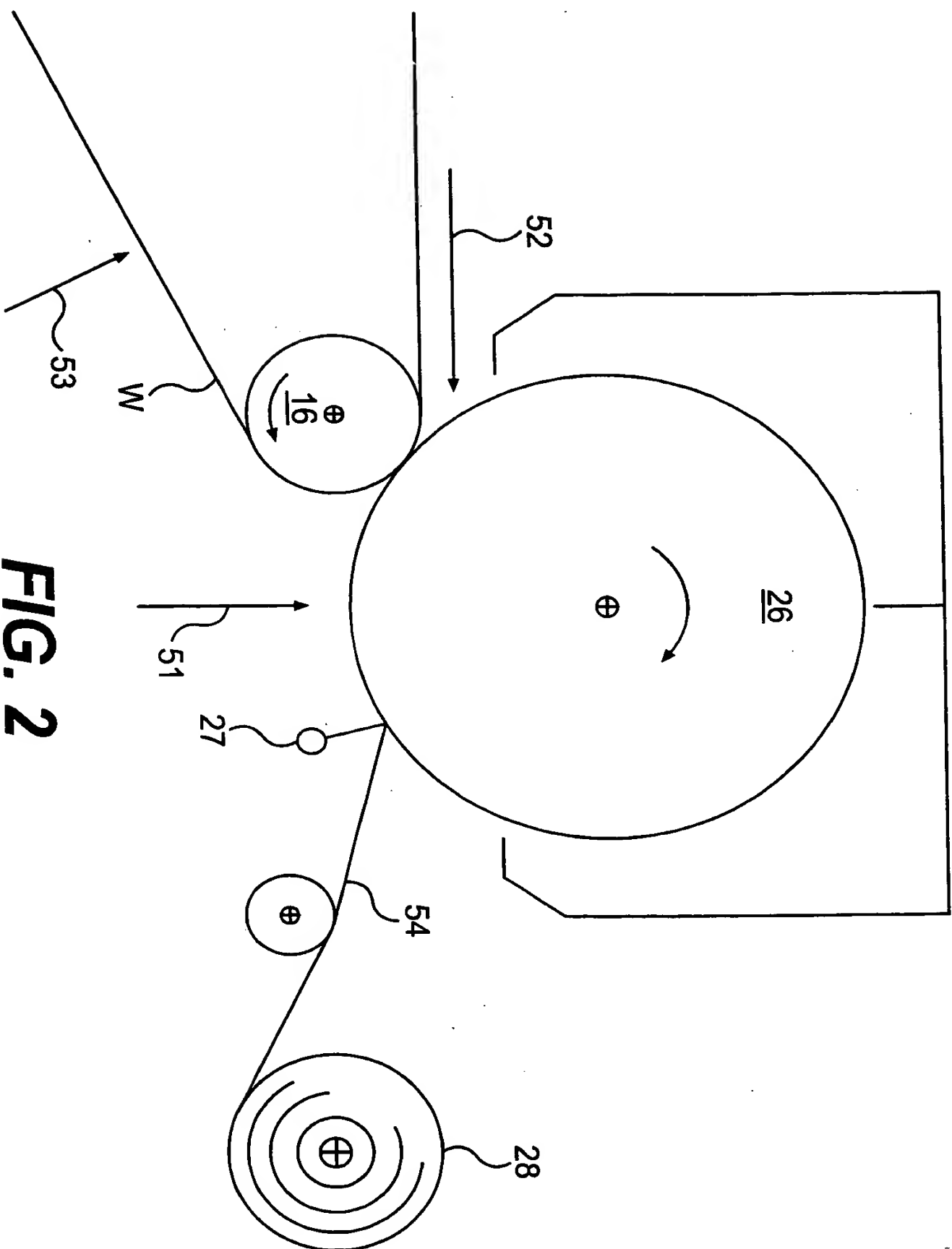
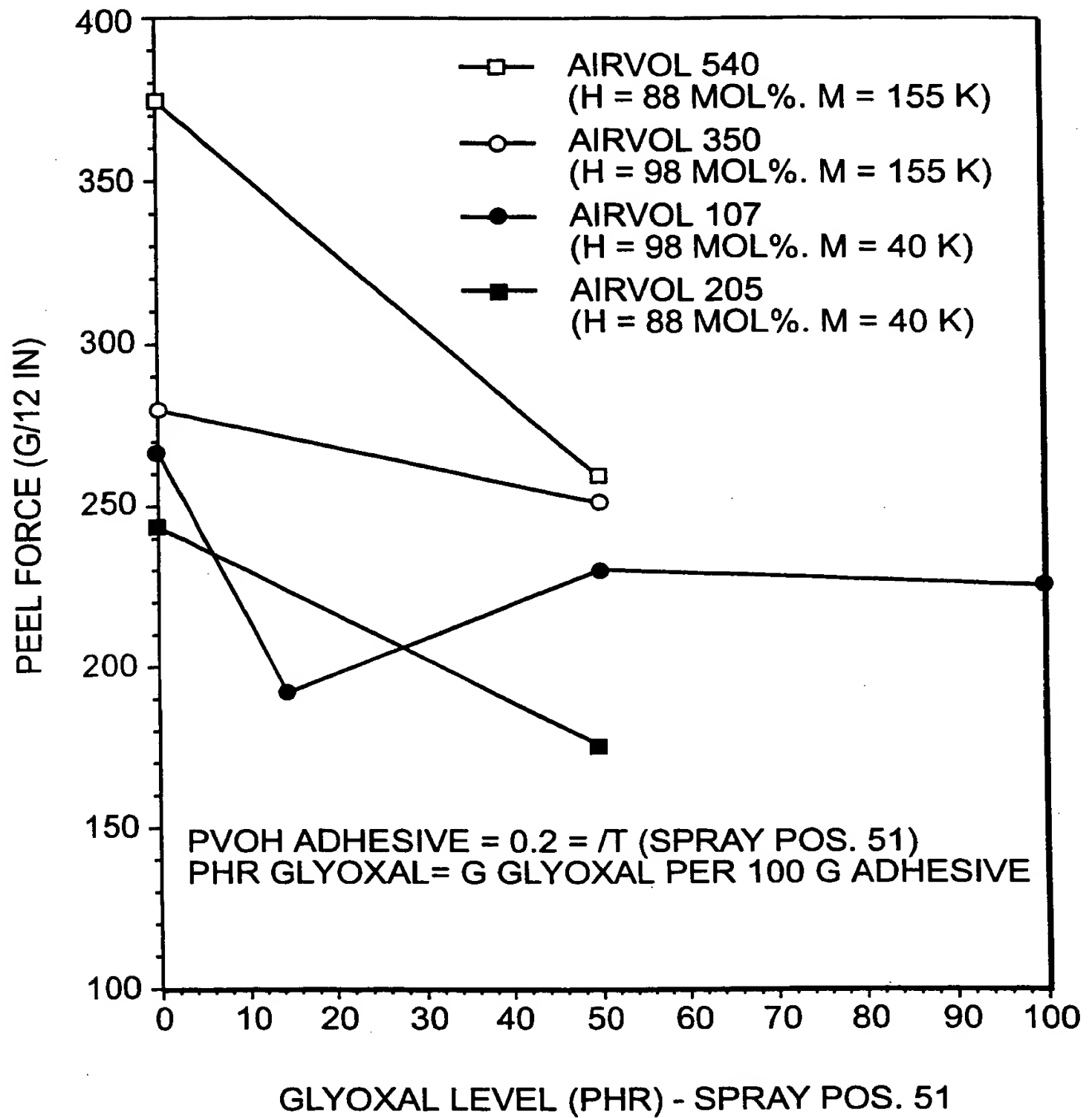


FIG. 2



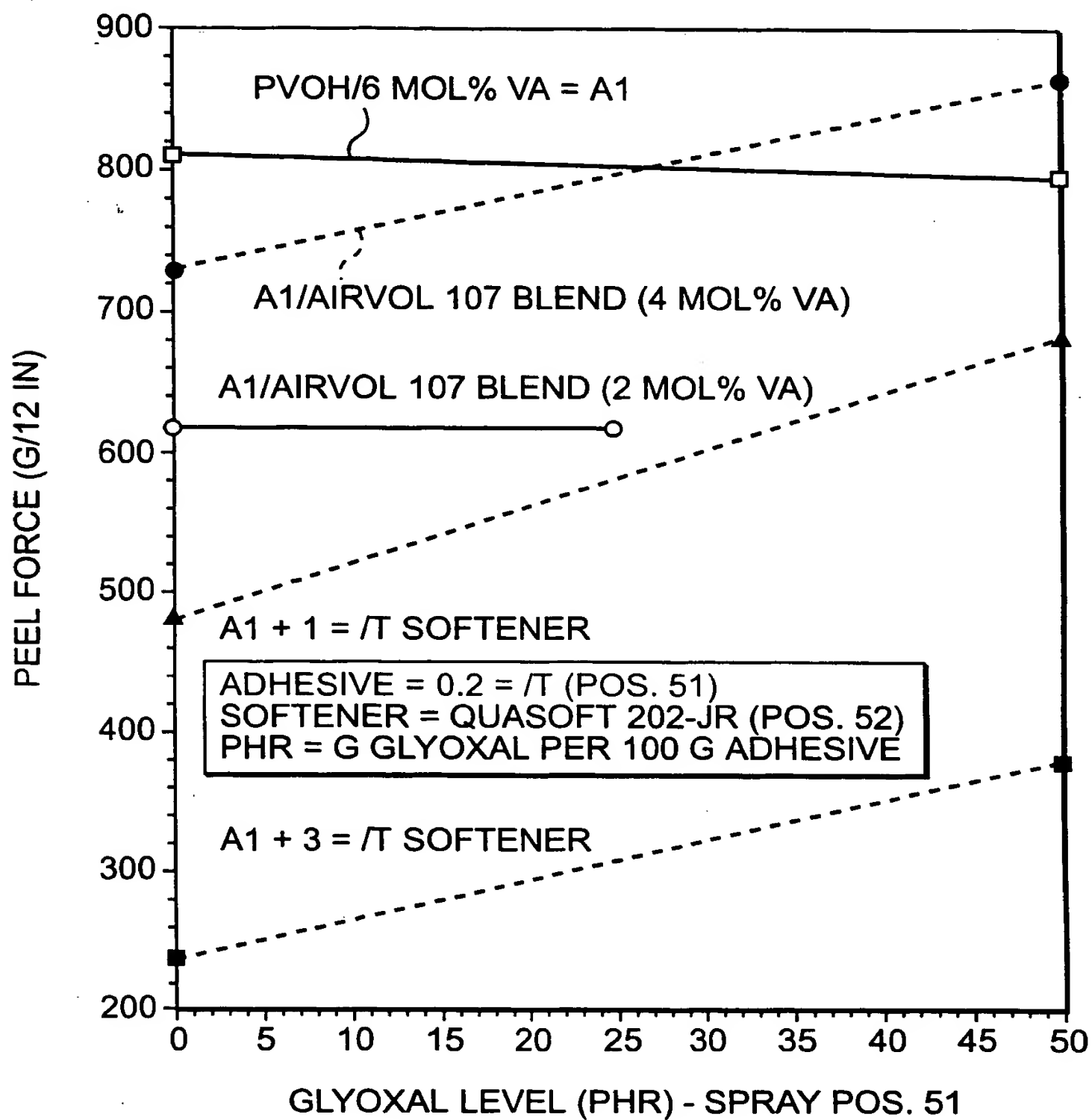
PEEL FORCE VERSUS GLYOXAL LEVEL FOR  
UNFUNCTIONALIZED PVOH



**FIG. 3**

O I P E JCS  
SEP 28 2004  
PATENT

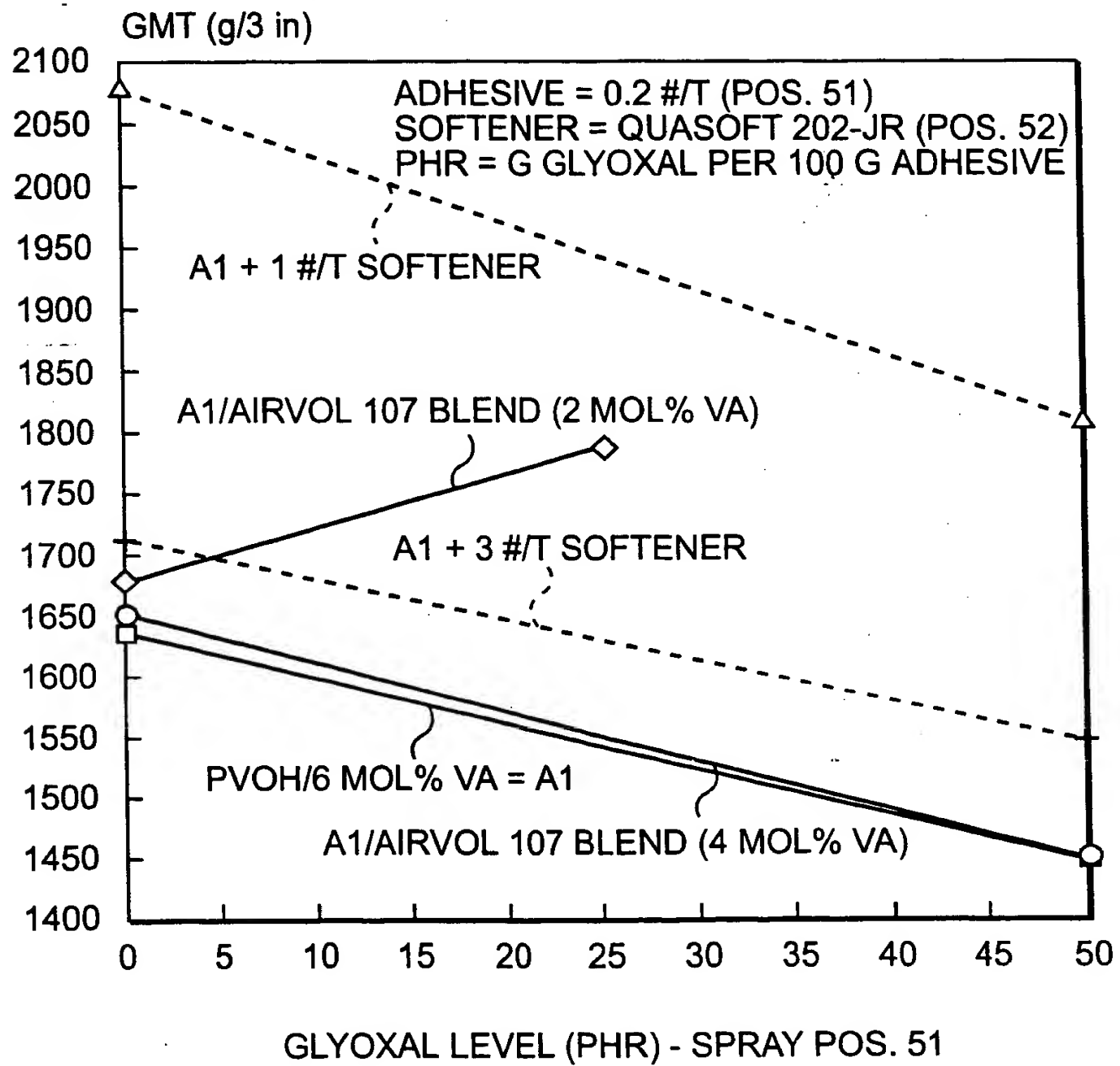
PEEL FORCE VERSUS GLYOXAL LEVEL FOR VINYL AMINE  
(VA) FUNCTIONALIZED PVOH ADHESIVE



**FIG. 4**



GMT VERSUS GLYOXAL LEVEL FOR VINYL  
AMINE FUNCTIONALIZED PVOH ADHESIVES



**FIG. 5**